LP Morgan **Rondo Opus** Manual

Installation Instructions For:

- Precision Drive
- Standard Motorised
- Close Contact EasyFit
- Infra-Red EasyFit
- CineTheatre

LP Morgan Rondo Opus Manual

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To the owner

Congratulations on purchasing an Australian made LP Morgan Rondo. This high quality, stylish roller screen will give you great enjoyment and a truly cinematic experience.

Please read this instruction manual before installing or operating the screen.

Safety first

- Ensure you have the correct voltages for your screen
- Wiring for Standard Motorised Screens (Wall Switch Version) must be done by a qualified electrician
- Should foreign matter fall into the unit, unplug it and have it checked by a qualified technician before use
- Disconnect from the mains power using the plug . Don't pull the cord!
- Work safely when installing the screen, use a ladder, be careful and wear appropriate safety gear
- Please keep this book for future reference

Rondo Precision Drive parts supplied
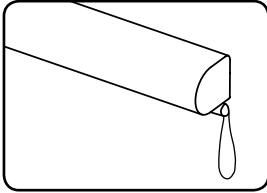
Screen unit with chain drive
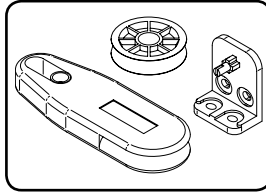
Chain wall mount
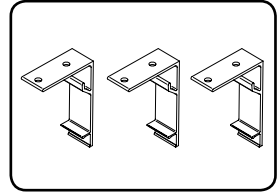
3 x Ceiling Brackets

3 x Wall Brackets

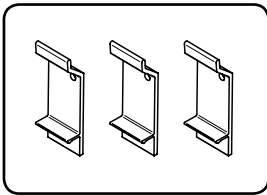The Chain is secured inside the casing for protection during transit. Free the chain before installing. You may need to remove the front cover to remove all tape.

The Dropper Bar is secured for transit.

Remove all adhesive tape before installing your screen.

Professional installation is recommended for this product.

Rondo Standard Motorised parts supplied
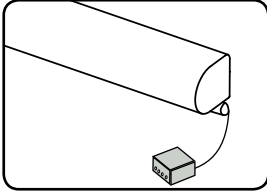
Screen unit with Zwag
connector
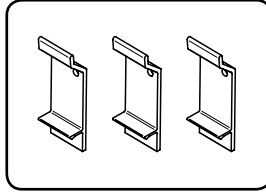
3 x Wall Brackets
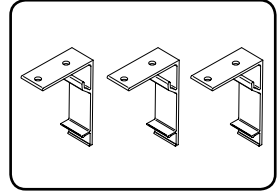
3 x Ceiling Brackets
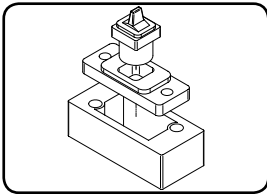
Wall Switch & Surround
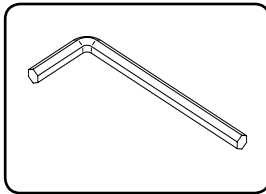
4mm Allen Key
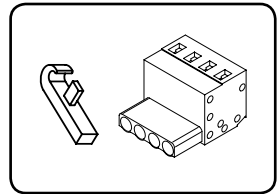
Zwag connector
with tool

The Dropper Bar is secured for transit.

Remove all adhesive tape before installing your screen.

All mains wiring must be done by a licensed electrician.

Professional installation is recommended for this product.

Rondo CC EasyFit parts supplied
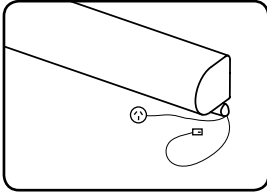
Screen unit with mains plug and RJ9 data cable
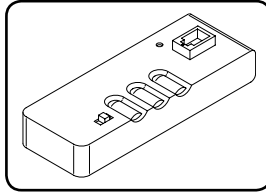
Limit Setting Tool
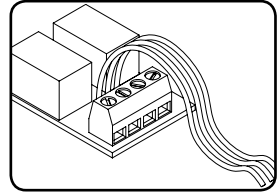
Screw Terminal connector
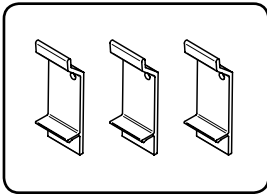
3 x Wall Brackets
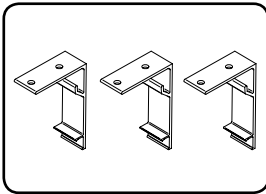
3 x Ceiling Brackets

Rondo IR (Infra-Red) EasyFit parts supplied
Same parts as Rondo CC EasyFit, plus:
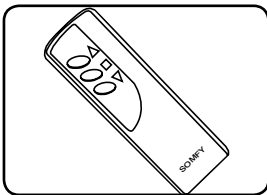
IR Remote control
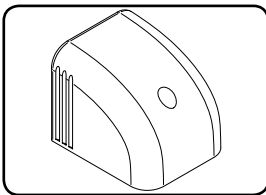
IR Sensor unit

The Dropper Bar is secured for transit.
Remove all adhesive tape before installing your screen.
All mains wiring must be done by a licensed electrician.
Professional installation is recommended for this product.

Wall mounting the screen - for all screens

The wall brackets must be fastened securely to the wall. For plaster walls please secure the brackets to the studs. Space the brackets evenly and as wide as posssible to within 100mm from the end of the casing. This allows for wiring (if needed) and also to give some lateral movement for projector and screen alignment.

Stud

Measure and mark carefully before fitting

Plasterboard

Bracket

Screen

Place brackets as wide as possible to within 100mm of end of screen casing.
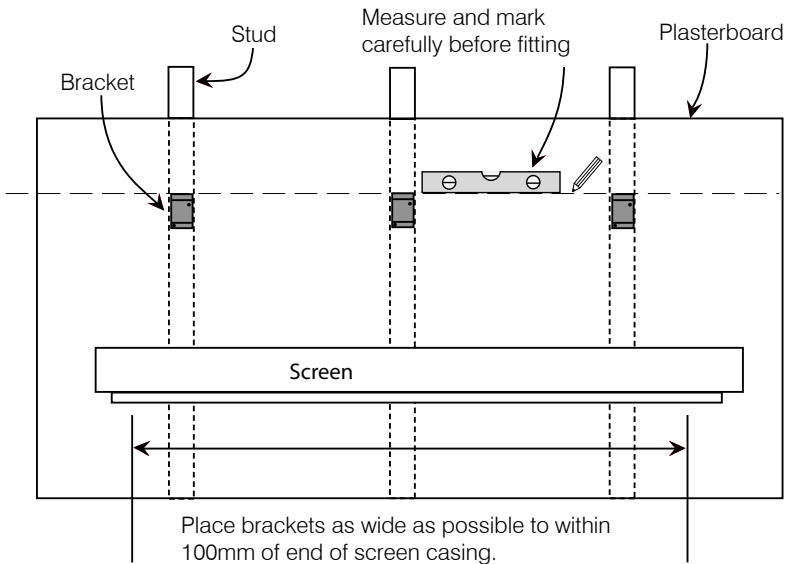
Spacer

If you are fitting the screen in front of a window or other wall fixture you may need to use a spacer (not provided) for the dropper bar to fall freely (see right).
We recommend professional installation for all screens.
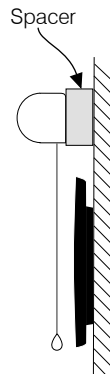
Ceiling mounting the screen - for all screens

The ceiling brackets must be attached to a joist, beam or other similar load bearing device to safely carry the weight of your screen. Space the brackets as wide as possible to within 100mm from each end of the screen (see wall mounting picture).This allows lateral adjustment to align the projector image.

Plaster board

Roof beam

Ceiling bracket
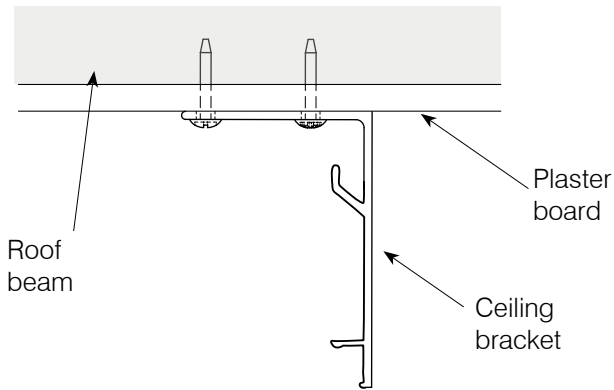
After you have fitted the brackets simply hook the screen over the top and snap into place.

Hook

Snap
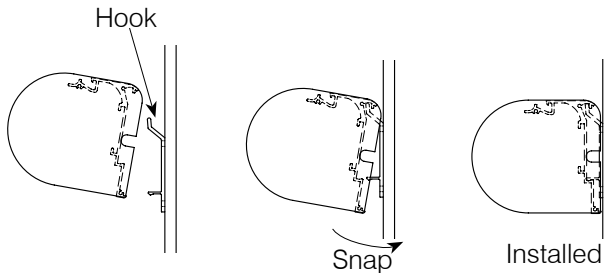
Installed

Concealed mounting - pelmet mounted reverse wound screen

If you have ordered a special reverse wound screen, please follow the instructions below. The surface is reverse wound on the roller, for pelmet mounting.
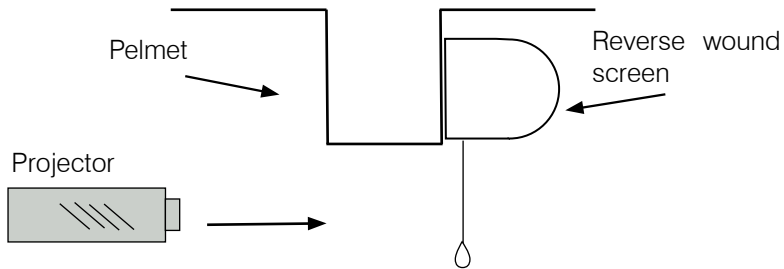
Installation in an LP Morgan HideAway

The LP Morgan HideAway stores your screen inside a cavity in the roof. see www.lpmorgan.com.au for more details. Professional installation is recommended for this product.
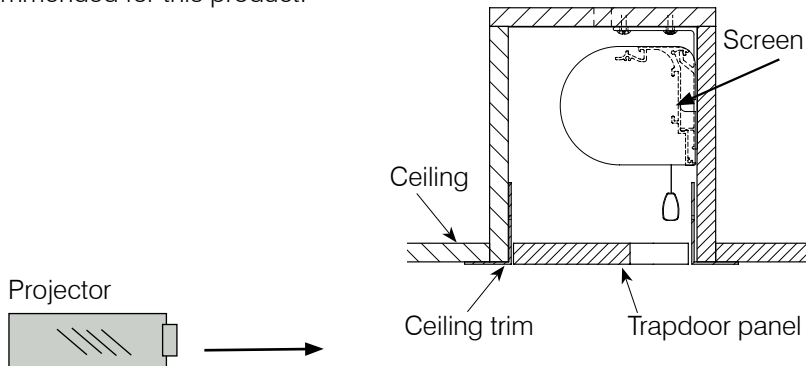
Front of roll screen

If you have ordered a front of roll screen (not shown), the surface exits from the front of the roller, which sets the bottom bar 60mm out from the wall. The casing cover is supplied but should be removed immediately following installation and before use.

Electrical installation - Standard Motorised screens

⚠️ **By law all mains wiring must be done by a qualified electrician. Please show these instruction to your electrician.**

The following diagram shows the Zwag connector and switch wiring for the Rondo Standard Motorised. The lever arm tool is used to fix the wires into the Zwag connector.
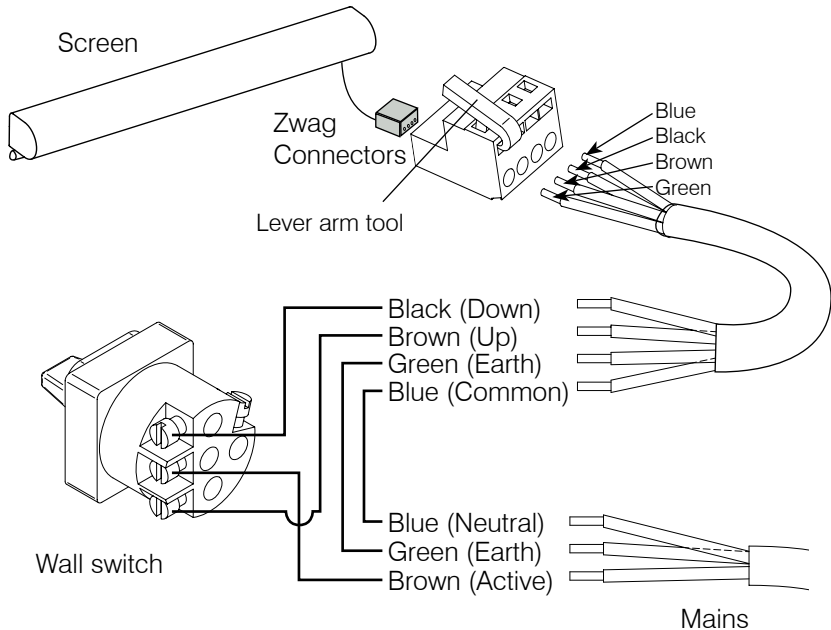
LP Morgan has a full range of other control options for use with your Standard Motorised Screen; see page 17 for details.

See www.lpmorgan.com.au for more details.

Height adjustment - Standard Motorised screens

Setting the motor limits will adjust the viewing height of the screen.
To adjust the motor limits lift the front cover off the casing by snapping the bottom edge away from the wall at each end. The motor limits are on the right hand side (see below).

Bottom limit adjustment screw with yellow colour surround
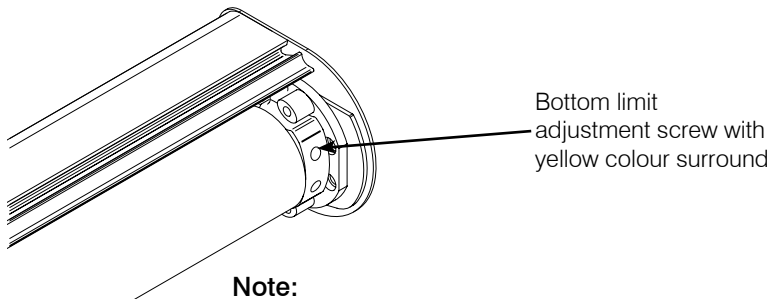
Note:
White colour surround switch controls the upper limit and yellow colour surround switch controls the bottom limit.

Each turn of the limit screw corresponds to about 15mm of screen travel.

Clockwise rotation of the screw will set the screen higher. Anti-clockwise will lower the position.

The screen needs to be plugged into the mains while adjusting the limits. Be aware that some control products switch off power to the screen after the limit has been reached.

The motor has a built in thermal overload device that will switch the motor off after four minutes of continuous use. If this occurs, wait until the motor cools (about 15-20 mins) before continuing.

⚠ **Do not remove the sticker or adjust the other screw (upper limit adjustment).**
This can retreat the screen into the case, damaging the screen and voiding your warranty.

Electrical installation - CC EasyFit screen

CC EasyFit screens have a screw terminal connector for quick connection to the relay contacts of a control system. It uses two relays to control the screen one for up, one for down. A momentary closure of either of the relays will move the screen. Plug the RJ9 connector into the terminal block, and wire your relays as shown below.

Power plug

Screen

RJ9 connector

Black (Down)

Yellow (Common)

Red (Up)

Screw terminal connector.

Control system
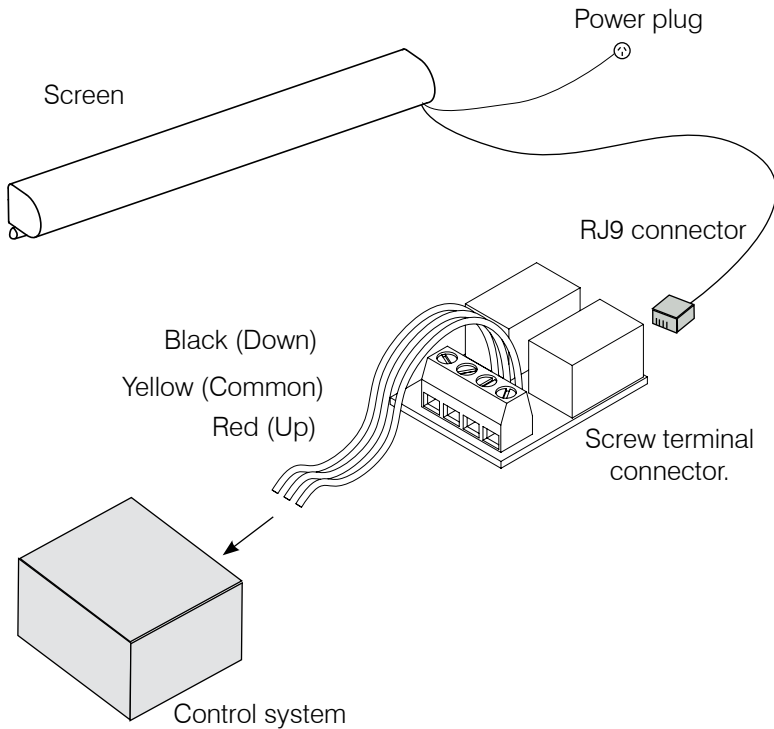
Electrical installation - IR EasyFit screen

IR EasyFit screens use an infra-red receiver which should be located with a direct line of sight to the remote control. Simply connect the power cord and plug the IR reciever into the RJ9 connector. See the setting the limits page to set your screens height.

Screen

Power plug

RJ9 connector

IR reciever

IR remote

SOMFY
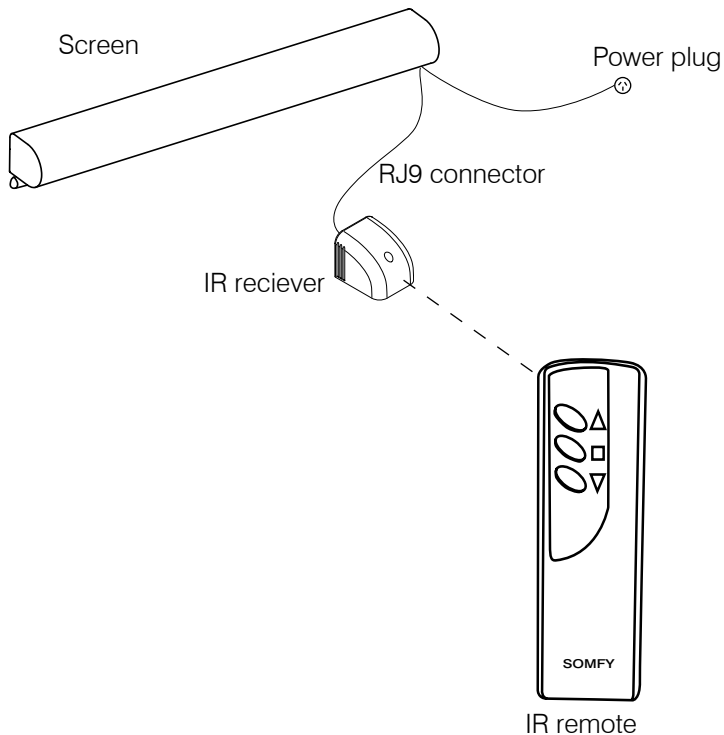
Limit setting - CC & IR EasyFit screens

CC and IR EasyFit Screens are supplied with a Limit Setting Tool. This is used to set the viewing height of the screen.
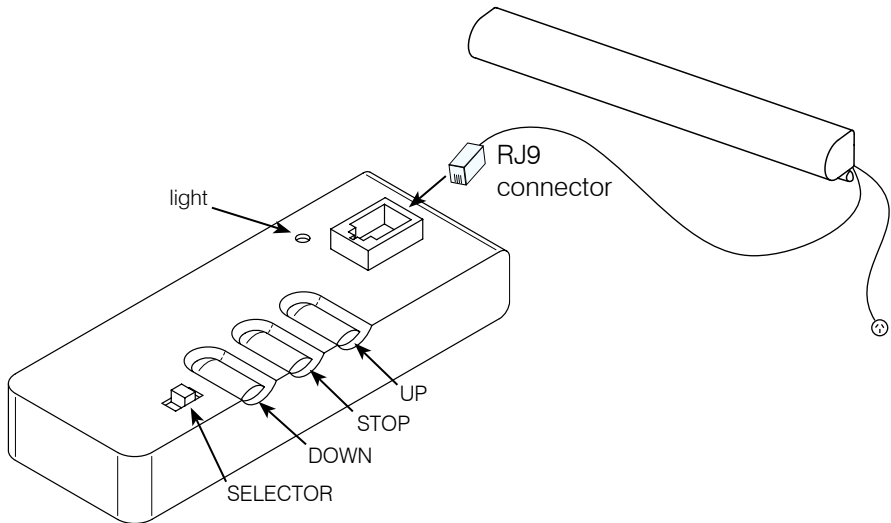
1 Connect the limit setting tool to the RJ9 connector. The light on the tool will light up.
2 Move the selector switch into the down position and using the up and down buttons on the Limit Setting Tool set the screen to the desired viewing position.
3 Remove the limit setting tool and reconnect the terminal block or IR device. Pressing the stop button while setting the position will change the motors rotational direction.

You can also set a middle position for the screen. Follow the steps for the lower limit but with the selector in the middle position. After setting the middle position press and hold the stop button for more than four seconds.

⚠️ **Do not remove the warning sticker and do not adjust the upper limits. This may damage the screen and void your waranty.**

Troubleshooting

• Check that the unit is correctly wired. Review the wiring diagrams in this manual.

Motorised

• If the motor has been running continuously for 4 minutes it will turn off. Allow to cool for 20 minutes before trying again.
• When using a separate control product check that it is operating correctly.

CC EasyFit

• Check that the light on the Limit Setting Tool lights up when connected to the screen. Check the power and RJ9 connections.
• If the screen will not lower properly check the lower limit. It may be set to the top position.

IR EasyFit

• Check that the IR reciever is visible to the remote control unit.
• Check the batteries in the remote control.
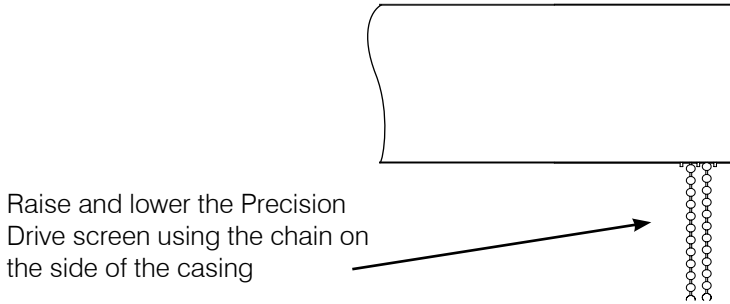• Check that the light on the Limit Setting Tool lights up when connected to the screen. Check the power and RJ9 connections.
• If the screen will not lower propery, check the lower limit. It may be set to the top position

Using your screen - Precision Drive

Raise and lower the Precision
Drive screen using the chain on
the side of the casing

The unique spring-assist chain drive mechanism permits very fine adjustment
of the screen's lower position.
To protect the screen surface, raise and lower the screen slowly.

⚠ **Raising the screen too far may damage the surface and void
your warranty.
It is recommended that you raise the screen so that you can still
see the LP Morgan badge.**

Maintenance - for all screens

It is important that you keep the screen surface clean at all times. Any foreign particle can cause indentations on the screen.

• Use a soft cloth or brush to lightly whisk away any loose dirt or dust particles. Do not use a sharp instrument to remove any particles. Brush from the centre to the edges.

• Check the rear surface of the screen for bugs or other foreign matter before retracting the screen into the case to avoid indentations in the surface.

• Do not use solvents, chemicals or abrasive cleaners on the screen. They may permanently damage the screen material.

• Clean the screen material with a mild solution of detergent and water and a sponge or lint free cloth. Dab lightly to remove any stubborn marks, then blot with a damp sponge to absorb excess water. Use a clean sponge with clear water to wash off any detergent residue. Dry the screen with a soft cloth. Do not let detergent solution dry on the screen.

• Never paint in the vicinity of the screen unless the screen surface is completely protected. Paint spots or ink may not be removeable from the screen without damaging or staining the surface.

Following these guidlines will give you many years of enjoyable viewing.

Cleaning your Screen Case

• The casing can be cleaned with water and a mild detergent and a soft cloth to wash off any marks. Rinse and dry with a clean cloth or towel.

• To remove minor scratches use a white creme cleanser.
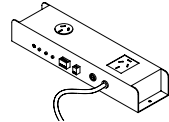
Extras and accessories
The following Accessories are available from your LP Morgan Dealer:
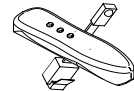
Standard Motorised Screen accesories

LPM43SCR12V: 12 Volt Screen Trigger
– For use with projectors that have a 12V output.
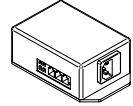
LPM48SCRTRIG: Current Sensing Trigger
– For use with projectors that do not have a 12V output.
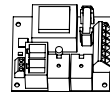
LPM45IRKIT: Infra-Red Retro Fit Kit
– For IR remote control.

EasyFit Screen accesories
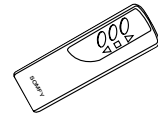
LPM43CCME: Close Contact Controller
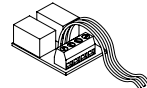
LPM43CE12V: EasyFit 12V Trigger
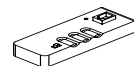
LPM47154205A: Replacement IR Sensor

LPM47KE10102: Replacement IR Remote

LPM479050200: Replacement Screw Terminal Block

LPM45SETTOOL: Replacement Limit Setting Tool.

Warranty Information

Keep your original receipt for warranty.

Please fill out the online warranty form in order to qualify for the manufacturer's warranty.

http://www.lpmorgan.com.au/owners.html

The warranty covers defects in workmanship and materials, provided this product has been installed in a normal environment and maintained according to the written instructions. Herma warrants the product against loss of usefulness, discolouration or deterioration of optical quality within the warranty period as a result of manufacturing or material defects. This warranty applies only within Australia.

Please return your goods to the place of purchase for all warranty claims.

Conditions

Any equipment replaced pursuant to the terms of this warranty shall be retained by Herma.

All costs related to de-installation and re-installation of the product covered by this warranty are not the responsibility of Herma Technologies. Herma will not be responsible for any consequential damages during or following installation procedures.

Herma is not responsible for any freight costs relating to repair or replacement. Equipment must be returned to Herma in suitable packing to prevent damage in transit. Herma will not accept any responsibility for damage to the equipment caused by inadequate or unsuitable packing, or for any damage howsoever caused whilst the goods are in transit.

Herma Technologies shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of, misuse of, or inability to use, the equipment.

This Warranty does not cover any product which has been subjected to misuse, abuse, neglect, accidental or intentional damage, improper voltage or any alteration which affects the reliability or performance of the equipment not attributable to faulty manufacture, parts or labour and without limiting the generality of the foregoing.

This Warranty does not cover any product where usage, adaptation or installation are not in accordance with our written installation and operating instructions.

Warranty Period:

- Surface: One year from date of installation, not to exceed 15 months from date of invoice.
- Casing, Roller and Motor: Two years from date of installation, not to exceed 27 months from date of invoice.

**For more information on our range of products,
please visit www.lpmorgan.com.au, or contact
your local LP Morgan Retailer.**

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